

IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. (currently amended) An image processing system,
comprising:

an image pickup device for transferring image data
obtained by picking up an image of a subject; and

an image processing apparatus for obtaining the
~~transferred image data transferred from said image pickup~~
device;

wherein ~~said~~the image pickup device includes:

image pickup means for picking up the image of ~~said~~the
subject and generating ~~said~~the image data;

generating means for generating representative image
data representing ~~said~~the image data generated by ~~said~~the image
pickup means; and

supplying means for supplying ~~said~~the representative
image data ~~and preferentially before said~~ the image data in
~~supplying said image data and said representative image data to~~
~~said~~the image processing apparatus ~~connected via a network, the~~
~~representative image data being supplied preferentially before~~
~~the image data; and~~

~~said~~the image processing apparatus includes:

obtaining means for obtaining ~~said~~the representative
image data and ~~said~~the image data supplied from ~~said~~the image
pickup device;

displaying means for displaying ~~said~~the representative
image data obtained by ~~said~~the obtaining means; and

storing means for storing ~~said~~the representative image
data and ~~said~~the image data obtained by ~~said~~the obtaining means
in association with each other.

2. (currently amended) An image processing system,
comprising:

an image pickup device for transferring image data
obtained by picking up an image of a subject;

an image managing apparatus for managing said the
transferred image data ~~transferred from said image pickup~~
device; and

an image processing apparatus for obtaining said the
image data managed by said the image managing apparatus;

wherein said the image pickup device includes:

image pickup means for picking up the image of said the
subject and generating said the image data;

generating means for generating representative image
data representing said the image data generated by said the image
pickup means; and

first supplying means for supplying said the
representative image data preferentially before said and the
image data ~~in supplying said image data and said representative~~
~~image data to said the image managing apparatus, the~~
~~representative image data being supplied preferentially before~~
~~the image data connected via a network;~~

said the image managing apparatus includes:

first obtaining means for obtaining said the
representative image data and said the image data supplied from
said the image pickup device;

managing means for managing said the representative image
data and said the image data obtained by said the first obtaining
means in association with each other; and

second supplying means for supplying said the
representative image data preferentially before said and the
image data ~~in supplying said image data and said representative~~
~~image data to said the image processing apparatus, the~~

representative image data being supplied preferentially before the image data connected via said network; and

saidthe image processing apparatus includes:

second obtaining means for obtaining saidthe representative image data and saidthe image data supplied from saidthe image managing apparatus;

displaying means for displaying saidthe representative image data obtained by saidthe second obtaining means; and

storing means for storing saidthe representative image data and saidthe image data obtained by saidthe second obtaining means in association with each other.

3. (currently amended) An image pickup device, comprising:

image pickup means for picking up an image of a subject and generating image data;

generating means for generating representative image data representing saidthe image data generated by saidthe image pickup means; and

supplying means for supplying saidthe representative image data preferentially before saidand the image data in supplying said image data and said representative image data to another apparatus connected via a network, the representative image data being supplied preferentially before the image data.

4. (currently amended) The image pickup device as set forth in claim 3, wherein:

when saidthe image pickup means generates new said image data while saidthe supplying means is supplying saidthe image data to saidthe another apparatus, saidthe generating means generates new representative image data representing the new image data, and the supplying means preferentially supplies the new said representative image data representing the new said

~~image data, the new said representative image data being generated by said generating means, to said the another apparatus before said the image data being supplied.~~

5. (currently amended) The image pickup device as set forth in claim 3, further comprising receiving means for receiving control information on supply of ~~said the~~ image data, wherein ~~said the~~ supplying means supplies ~~said the~~ image data to ~~said the~~ another apparatus ~~based on a basis of said the~~ control information received by ~~said the~~ receiving means.

6. (currently amended) The image pickup device as set forth in claim 4, wherein:

~~said the~~ supplying means supplies related information on ~~said the~~ image data to ~~said the~~ another apparatus together with ~~said the~~ representative image data or the new ~~said~~ representative image data.

7. (currently amended) The image pickup device as set forth in claim 6, further comprising:

receiving means for receiving a first cryptographic key supplied by ~~said the~~ another apparatus;

cryptographic key generating means for generating a second cryptographic key for encrypting ~~said the~~ image data generated by said image pickup means;

first encrypting means for generating first encrypted data by encrypting ~~said the~~ image data generated by ~~said the~~ image pickup means ~~by said using the~~ second cryptographic key; and

second encrypting means for generating second encrypted data by encrypting ~~said the~~ second cryptographic key ~~by said using the~~ first cryptographic key;

wherein the related information on ~~said the~~ image data is

~~said~~the second encrypted data.

8. (currently amended) An image pickup method,
comprising steps of:

~~first generating for generating image data obtained by~~
picking up an image of a subject;

~~second generating for generating representative image~~
data representing ~~said~~the generated image data generated by a
process of said first generating step; and

~~supply controlling for controlling supply so as to~~
supply ~~said~~the representative image data preferentially before
~~said and the~~ image data in supplying ~~said~~ image data and ~~said~~
~~representative image data to another apparatus so that the~~
~~representative image data is supplied preferentially before the~~
~~generated image data connected via a network.~~

9. (currently amended) The image pickup method as set
forth in claim 8, wherein:

~~when the image data generating step generates new said~~
~~image data is generated by the process of said first generating~~
~~step while said~~the generated image data is being supplied to
~~said~~the another apparatus, ~~said~~the representative image data
generating step generates new representative image data
representing the new image data, and the supply controlling step
controls ~~said~~the supply so as to preferentially supply ~~the~~ new
said representative image data representing the new said image
data, the new said representative image data being generated by
a process of said second generating step, to ~~said~~the another
apparatus before ~~said~~the image data being supplied.

10. (currently amended) The image pickup method as set
forth in claim 8, further comprising a step of reception
~~controlling for controlling reception of receiving control~~

information on supply of saidthe image data,

wherein saidthe supply controlling step controls saidthe supply so as to supply saidthe image data to saidthe another apparatus based on a basis of saidthe control information received by a process of said reception controlling step.

11. (currently amended) The image pickup method as set forth in claim 9, wherein:

saidthe supply controlling step controls saidthe supply so as to supply related information on saidthe image data to saidthe another apparatus together with saidthe representative image data or the new said-representative image data.

12. (currently amended) The image pickup method as set forth in claim 11, further comprising steps of:

reception controlling for controlling reception of receiving a first cryptographic key supplied by saidthe another apparatus;

cryptographic key generating for generating a second cryptographic key for encrypting saidthe generated image data generated by the process of said first generating step;

first encrypting for generating first encrypted data by encrypting saidthe generated image data generated by the process of said first generating step by said using the second cryptographic key; and

second encrypting for generating second encrypted data by encrypting saidthe second cryptographic key by said using the first cryptographic key;

wherein the related information on saidthe image data is saidthe second encrypted data.

13. (currently amended) A recording medium recorded within which a computer readable program for performing an image

pickup method, the method is recorded, said program comprising steps of:

first generating for generating image data obtained by picking up an image of a subject;

second generating for generating representative image data representing said the generated image data generated by a process of said first generating step; and

supply controlling for controlling supply so as to supply said the representative image data preferentially before said and the image data in supplying said image data and said representative image data to another apparatus connected via a network so that the representative image data is supplied preferentially before the generated image data.

14. (cancelled)

15. (new) An image processing system, comprising:

an image pickup device operable to transfer image data obtained by picking up an image of a subject; and

an image processing apparatus operable to obtain the transferred image data;

the image pickup device including:

an image pickup unit operable to pick up the image of the subject and generate the image data;

a generator operable to generate representative image data representing the image data generated by the image pickup unit; and

a supplying unit operable to supply the representative image data and the image data to the image processing apparatus, the representative image data being supplied preferentially before the image data; and

the image processing apparatus including:

an obtaining unit operable to obtain the

representative image data and the image data supplied from the image pickup device;

a displaying unit operable to display the representative image data obtained by the obtaining unit; and

a storage unit operable to store the representative image data and the image data obtained by the obtaining unit in association with each other.

16. (new) An image processing system, comprising:

an image pickup device operable to transfer image data obtained by picking up an image of a subject;

an image managing apparatus operable to manage the transferred image data; and

an image processing apparatus operable to obtain the image data managed by the image managing apparatus;

the image pickup device including:

an image pickup unit operable to pick up the image of the subject and generate the image data;

a generator operable to generate representative image data representing the image data generated by the image pickup unit; and

a first supplying unit operable to supply the representative image data and the image data to the image managing apparatus, the representative image data being supplied preferentially before the image data;

the image managing apparatus including:

a first obtaining unit operable to obtain the representative image data and the image data supplied from the image pickup device;

a managing unit operable to manage the representative image data and the image data obtained by the first obtaining unit in association with each other; and

a second supplying unit operable to supply the

representative image data and the image data to the image processing apparatus, the representative image data being supplied preferentially before the image data; and

the image processing apparatus including:

a second obtaining unit operable to obtain the representative image data and the image data supplied from the image managing apparatus;

a displaying unit operable to display the representative image data obtained by the second obtaining unit; and

a storage unit operable to store the representative image data and the image data obtained by the second obtaining unit in association with each other.

17. (new) An image pickup device, comprising:

an image pickup unit operable to pick up an image of a subject and generate image data;

a generator operable to generate representative image data representing the image data generated by the image pickup unit; and

a supplying unit operable to supply the representative image data and the image data to another apparatus, the representative image data being supplied preferentially before the image data.